Strive for Perfection

ANGEL'S PUBLIC SCHOOL

SAMPLE PAPER

PERIODIC TEST – II SESSION 2025 – 26

TIME : 1:30 HRS CLASS – IV SUBJECT : MATHEMATICS M.M:40

A. Choose the correct option. (Do any six) (6x1=6)

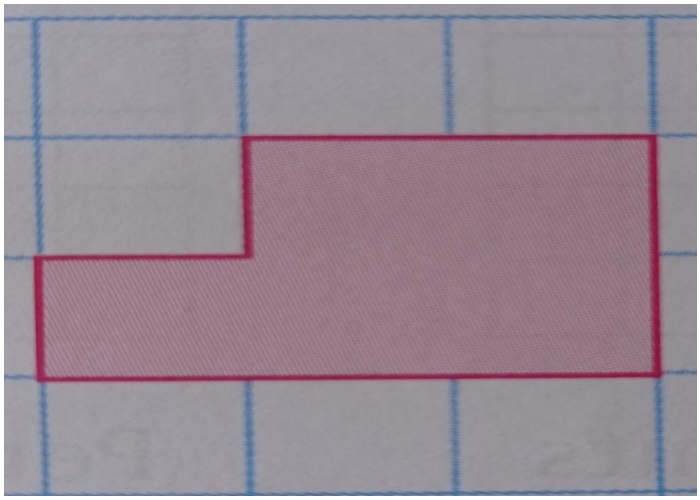
1. A factor of a number is an exact ____ of the number .
   (i) quotient (ii) remainder (iii) divisor (iv) dividend
2. The sum of lengths of all the sides of a plane figure is its ____.
   (i) perimeter (ii) volume (iii) area (iv) circumference
3. The prime factors of 75 are = __ ,___ and ___.
   (i) 3 x 5 x 5 (ii) 5 x 15 (iii) 1 x 75 (iv) 3 x 25
4. Which of the following is a multiple of 9 ____ .
   (i) 36 (ii) 48 (iii) 33 (iv) 62
5. Which one of the following is not a factor of 65 ?
   (i) 15 (ii) 20 (iii) 24 (iv) 28
6. 7 x 8 = 56, 7 and ___ are the ____ of 56.
   (i) 7 and 8 (ii) 7, factors (iii) 8, factors (iv) 56,8
7. The greatest 2-digit prime number is ____.
   (i) 99 (ii) 97 (iii) 89 (iv) 93

B. Fill in the blanks.(Do any eight) (8x1=8)

1. **Area of ____ = side x side .**
2. 2 and 3 are the only consecutive _____.
3. 517 is divisible by _____.
4. Area of the rectangle =__ ×___.
5. A factor of a number is exactly _____ by the number .
6. Area is the ___covered by a closed figure .
7. The first five multiples of 18 are ___,___,___,___,and ___.
8. 67 is a __ number .
9. Any number is divisible by 5, only if its ones place digit is ___ and __ .

C. Solve the questions. (Do any seven) (7x2=14)

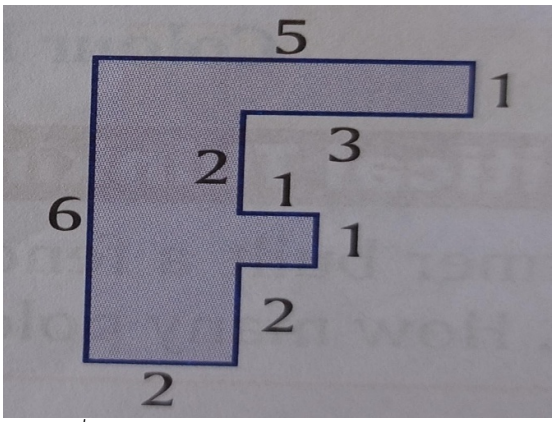
1. Find the prime factorization of 84 using the factor tree .
2. What is the area of a square whose side is 9 cm ?
3. Check the divisibility of 1872 by 4.
4. Find the HCF of 30 and 40 .
5. List the prime numbers between 75 and 100.
6. Find the area of the given figure.(If area of each square is 1 sq. cm)



7. Classify the given numbers as prime and composite.
   52 ,60 89 99 67 95
8. Find the factors of 81 using division.

D. Solve the questions. (Do any four) (4x3=12)

1. A blackboard is of length 300 cm and breadth 140 cm . Find the perimeter and area of the blackboard.
2. Answer the following :
   (i) Is 36 is multiple of 7?
   (ii) Is 657 is multiple of 12?
   (iii) Is 453 is multiple of 3 ?
   (iv) Is 676 is multiple of 9 ?
3. Find the HCF of 6, 12, 24.
4. Find the perimeter of the given figure:



5. Tick(√) the correct and cross (X) the incorrect ones.
   (a) Perimeter is the border of a closed figure.
   (b) Area and perimeter are the same.
   (c) 2 x 7 =14, Here 14 is factor of 2 and 7.
6. Find the common multiples and hence, find the LCM of 15 and 18.